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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/800,509	03/08/2001	Ajay P. Sravanapudi	P 274079	5104

7590

09/24/2004

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EXAMINER

ABEBE, DANIEL DEMELASH

ART UNIT

PAPER NUMBER

2655

DATE MAILED: 09/24/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/800,509

Applicant(s)

SRAVANAPUDI ET AL.

Examiner

Daniel D Abebe

Art Unit

2655

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-41 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-41 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- 1) ☐ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. ____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 6/26/2003.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

Information Disclosure Statement

The information disclosure statement filed on June 26, 2003 fails to refer to the present Application serial number and inventor. It has been placed in the application file, but the information referred to therein has not been considered.

Claim Rejections - 35 USC § 112

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 14-18 and 28-35 and 39-41 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. The limitation "a multimodal e-business alert configuration that dictates different aspects of how said multimodal e-business alert service is to behave;" in claims 14 and 28 and the limitation "tracking/storing the performance of the multimodal e-business alert service via various queues" in claims 15 and 18 lack description.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

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(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-13, 19-26 and 28-38 are rejected under 35 U.S.C. 102(e) as being anticipated by Nagai et al. (6,636,587).

As to claim 1, Nagai teaches a system (100) for multi-modal information service, comprising:

A multi-modal information service provider a "CTI" server (300) for providing multi-modal service;

Plurality of Information receiver terminal (100b) coupled to the service provider through a network;

A plurality of arbitrary information sources (203, 204, 100a) coupled through a network to the service provider for providing information to the plurality of receivers.

As to claims 2-4, Nagai teaches where the terminal includes wireless phone (219), where the networks include internet and internet servers (Fig.2)

As to claims 5-9, Nagai teaches application server (203, 204) for providing service according to a platform including conversion means for converting expression format of source data to destination data (Fig.1,304, 200).

As to claims 10-11, Nagai teaches where the data includes, e-mail, facsimile, text-speech, speech-text conversion.. etc (abstract; Fig.1).

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Claims 19-23 and 28-37 are analogous to the claims addressed above and are rejected for the foregoing reasons by Nagai et al.

As to claims 12 and 24, Nagai teaches a multi-modal information service provider (112), for conducting a interactive voice dialogue with a user, comprising:

Receiving speech dialogue;

Processing the speech to extract information regarding user' request and modality/contact condition and providing the user with the information according to the expression format as well as adjusting the contact condition (Figs. 4, 8 and 9-10; Col.18, lines14-62).

As to claims 13 and 25-26, Nagai teaches an IVR system comprising speech recognition and response system where the speech of the user is collected (Fig.3, 310; Col.18, lines 50-55).

Claim 38, is a computer program for conducting the method for multi-modal information service which is taught by Nagai (Fig.3).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 27 is rejected under 35 U.S.C. 103(a) as being unpatentable over Nagai et al.

Regarding claim 27, Official Notice is taken that Voice extensible markup language are well known in the art and would be obvious in Nagai for providing the speech application.

Claims 14-17, 39-41 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nagai et al. as applied to the claims above, and further in view of Laflin et al. (5,705,995).

As to claim 14, Nagai teaches a multi-modal business service application (204), for handling business messages that are send to the receiver. Nagai doesn't explicitly say where the messages are e-business alert message. Laflin, however, teaches a networked information providing system (Fig.1), including e-business information service provider application (18) sending business alert messages (Fig.6, 148; Fig.2, 28). It would have been obvious to one of ordinary skill in the art to combine the two arts for the purpose of expanding the information provided by Nagai.

As to claims 15-17, Nagai teaches a system configuration where electronic messages including urgent and/or ordinary messages are received from sender, identified, stored and converted into the proper modality and transmitted to the receiver. And Laflin teaches where business alert messages are communicated.

Claim 39-41, claim a computer program for conducting the method for multi-modal information service which is taught by Nagai (Fig.3) in view of Laflin.

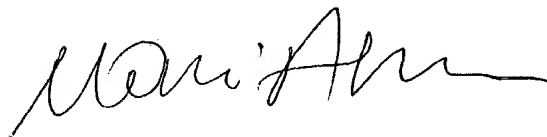
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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel D Abebe whose telephone number is 703-308-5543. The examiner can normally be reached on monday-friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Doris To can be reached on 703-305-4827. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Daniel Abebe Primary Examiner A.U 2655

A handwritten signature in black ink, appearing to read 'Daniel Abebe', with a stylized, flowing script.

September 16, 2004